Notice of Allowability	Application No.	Applicant(s)	
	10/809 246	10/809,246 ASBILL, ROGER LEE	
	Examiner	Art Unit	
	MY-CHAU T. TRAN	2629	
The MAILING DATE of this communication apper All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in the or other appropriate communi GHTS. This application is sub-	is application. If not inclu- cation will be mailed in du	ded e course. THIS
1. This communication is responsive to <u>5/25/2007</u> .			
2. The allowed claim(s) is/are <u>1,2,4-8,11,13-17 and 20</u> .			
<ul> <li>3. Acknowledgment is made of a claim for foreign priority unally all blooms.</li> <li>a) All blooms Some* close of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents.</li> </ul>	been received. been received in Application	No	eation from the
International Bureau (PCT Rule 17.2(a)).	samonto navo boon roccivou ii	rano national otago applio	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		reply complying with the re	equirements
4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.			
5. CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.			
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached			
1) ☐ hereto or 2) ☐ to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in	the Office action of	
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the			ne back) of
6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT			Note the
Attachment(s)  1. Notice of References Cited (PTO-892)	5 ☐ Notice of Infor	mal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Sum	mary (PTO-413),	
3. Information Disclosure Statements (PTO/SB/08),	Paper No./Ma 7.	nil Date nendment/Comment	1
Paper No./Mail Date  4. Examiner's Comment Regarding Requirement for Deposit	8. ⊠ Examiner's St	atement of Reasons/1gr A	løylance
of Biological Material	9.		
		RICHARD HJERP SUPERVISORY PATENT E TECHNOLOGY CENTER	XAMINER
U.S. Patent and Trademark Office		LECUIADITATA - ATTACA TO	

## **REASONS FOR ALLOWANCE**

## Application and Claims Status

- 1. Applicant's amendment and response filed 05/25/2007 are acknowledged and entered.
- 2. Claims 1-20 were pending. Applicants have amended claims 1, 2, 4-6, 8, 11, 13-17, and 20 and cancelled claims 3, 9, 10, 12, 18, and 19. No claims were added. Therefore, claims 1, 2, 4-8, 11, 13-17, and 20 are currently pending and are under consideration in this Office Action.
- 3. The following is an examiner's statement of reasons for allowance:

The instant claims are allowed for the reason that the cited prior arts does not teach or fairly suggest the presently claimed device as follows:

- a) For claims 1, 2, and 4-7, the limitation of "wherein a spacer dot density is in a range of 0.08 to 0.14 over a first portion of the first electrically conductive thin film" of claim 1 is not taught or suggested by the cited prior art.
- b) For claims 8, 11, and 13, the limitation of "wherein a spacer dot density in the first touch pad portion exceeds a spacer dot density in the second touch pad portion by a factor in a range of 1.6 to 14" of claim 8 is not taught or suggested by the cited prior art.
- c) For claim 14, the limitation of "wherein a spacer dot diameter in the first and second touch pad portions is the same and wherein a spacer dot pitch in the first and second touch pad portions differs" is not taught or suggested by the cited prior art. Additional, the specification specifically defines the terms of 'spacer dot

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- diameter' and 'spacer dot pitch' (see specification pg. 4, lines 14-18; pg. 5, line 28 thru pg. 6, line 2; figs. 4 and 5).
- d) For claim 15, the limitation of "wherein a spacer dot diameter in the first and second touch pad portion differs and wherein a spacer dot pitch in the first and second touch pad portions is the same" is not taught or suggested by the cited prior art. Additional, the specification specifically defines the terms of 'spacer dot diameter' and 'spacer dot pitch' (see specification pg. 4, lines 14-18; pg. 5, line 28 thru pg. 6, line 2; figs. 4 and 5).
- e) For claim 16, the limitation of "wherein a spacer dot diameter in the first and second touch pad portions differs and wherein a spacer dot pitch in the first and second touch pad portions differs" is not taught or suggested by the cited prior art. Additional, the specification specifically defines the terms of 'spacer dot diameter' and 'spacer dot pitch' (see specification pg. 4, lines 14-18; pg. 5, line 28 thru pg. 6, line 2; figs. 4 and 5).
- f) For claim 17 and 20, the limitation of "wherein the first and second physical means comprise electrically insulating spacer dots formed on the second electrically conductive thin film, and wherein a ratio of spacer dot diameter to spacer dot pitch in the first portion of the touch pad film differs from a ratio of spacer dot diameter to spacer dot pitch in the second portion of the touch pad film" is not taught or suggested by the cited prior art. Additional, the specification specifically defines the terms of 'spacer dot diameter' and 'spacer dot pitch' (see specification pg. 4, lines 14-18; pg. 5, line 28 thru pg. 6, line 2; figs. 4 and 5).

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Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to MY-CHAU T. TRAN whose telephone number is 571-272-0810.

The examiner can normally be reached on Monday: 8:00-2:30; Tuesday-Thursday: 7:30-5:00;

Friday: 8:00-3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Richard A. Hjerpe can be reached on 571-272-7691. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

My-Chau T. Tran June 14, 2007

> RICHARD HJERPE SUPERVISORY PATENT EXAMINER

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